

# Heitor Gouvêa

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## SUMMARY

I am an independent "Anonymity & Privacy Researcher" working on projects that help people take control of their own security.

My work is focused on understanding threat models, analyzing existing applications and building intelligent tools to combat current and future security risk for both individuals or groups.

I have audited high profile websites for security vulnerabilities and have managed and worked in teams of software developers and computer scientists delivering high performance architectures.

I have experience developing in a wide array of programming languages including: Shell Script, JavaScript, Perl and Raisin Framework.

I have knowledge of telecommunication and internet protocols including, but not limited to: TCP/IP, UDP, HTTP, FTP, SSH, SMTP and Telnet.

When I am not doing any of that stuff I run a range of open source software projects: <https://github.com/GouveaHeitor>

## EXPERIENCE

### *Anonymity & Privacy Researcher*

05/2017 - PRESENT

Independent

I work independently conducting research and writing articles on the areas of cryptology (cryptography and cryptanalysis). I also codify some tools so that people can take control of their right to privacy and anonymity in cyberspace. Whenever possible, I speaking voluntarily on the subjects of: cryptology, social movements, anonymity and privacy.

### *Trainee*

04/2016 - PRESENT

IMA - Informática de Municípios Associados S/A

Main activities: vulnerability analysis, development and maintenance of government web systems using PHP with Symfony.

## CERTIFICATIONS

### SFC – Scrum Fundamentals Certified

License Number: 563905

The purpose of the exam is to confirm you have basic understanding of the Scrum Framework.

## TECHNICAL SKILLS

### Front-end development:

HTML5, CSS3, MaterializeCSS, Sass, JavaScript, TypeScript and AngularJS.

### Back-end development:

Shell Script, Perl and Raisin Framework.

**Database:** MySQL and MongoDB.

**Tools:** Bower, Git, Npm, Jekyll, Grunt and Docker.

### Information Security:

vulnerability analysis and penetration testing.

**Agile Methods:** Scrum and Extreme Programming.

**Network:** TCP/IP, UDP, HTTP, FTP, SSH, SMTP and Telnet.

**Mobile development:** Ionic Framework.

**Others:** Web performance, SEO, Responsive Design, Cross-browser, Design Patterns, OOP, UML and Linux Administration.

## LANGUAGES

**Brazilian Portuguese:** native proficiency.

**Angolan Portuguese:** limited working proficiency

**English:** limited working proficiency.